



# UNITED STATES PATENT AND TRADEMARK OFFICE

22

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,733	02/25/2004	Frederick James Diggle III	BE1-0056US	2744

49584 7590 09/12/2006

LEE & HAYES, PLLC  
421 W. RIVERSIDE AVE.  
SUITE 500  
SPOKANE, WA 99201

EXAMINER

WATSON, ROBERT C

ART UNIT	PAPER NUMBER
----------	--------------

3723

DATE MAILED: 09/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/786,733

Applicant(s)

DIGGLE ET AL.

Examiner

Robert C. Watson

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1,3-11,13-19 and 21-23 is/are pending in the application.
- 4a) Of the above claim(s) 4-10 and 14-18 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 3, 11, 13, 19, 21-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_.

Art Unit: 3723

Claims 1, 3, 11, 13, 19, and 21-23 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. It has not been disclosed how a "spiral groove provides one or more mechanisms for attachment". One skilled in the art would be unable from this faulty disclosure to ascertain how to use a spiral groove as a one or more mechanisms for attachment. It is noted that the disclosure on page 6 states that in one of the embodiments "groove 53 provides a mechanism for attaching a plurality of wire or engaging attachments". This disclosure with respect to groove 53 does not support using a spiral groove for the same purpose. And further, even the use of groove 53 for such a purpose is inadequately disclosed. How is anything attached to groove 53?

Claims 1, 3, 11, 13, 19 and 21-23 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. There is no support in the original disclosure for the present claim recitation that a "spiral groove" provides "one or mechanisms for attachment". Apparently, from the disclosure in one of the embodiments "groove 53 provides a mechanism for attaching a plurality of wire or cable engaging attachments". But, there is no disclosure of using a "spiral groove" for this

Art Unit: 3723

same purpose. Hence, the claim recitation that a "spiral groove provides one or more mechanisms for attachment" is NEW MATTER.

Claims 1, 3, 11, 19, and 21-23 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In the independent claims the "one or more mechanisms for attachment" is not understood. Further, the claim fails to state what structure is being attached, ie, this device is a mechanism for attachment of what to the fish tape?

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, 19, 21, and 23 are rejected under 35 U.S.C. 102(b) as being anticipated by Mikol.

Mikol shows in the embodiment of Figures 1 and 3 a flexible elongate plastic member being of solid cylindrical shape and including helical (spiral) groves along the longitudinal portion and having an outer diameter ranging between .25 inches and .50 inches. The Mikol device is inherently capable of performing the use recited in the claims since the structure recited in the claims is identical to the structure disclosed by Mikol.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 3723

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11, 13, and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mikol.

Mikol shows in the embodiment of Figures 1 and 3 a flexible elongate plastic member being of solid cylindrical shape and including helical (spiral) groves along the longitudinal portion and having an outer diameter ranging between .25 inches and .50 inches. The Mikol device is inherently capable of performing the use recited in the claims since the structure recited in the claims is identical to the structure disclosed by Mikol.

Prior Art Figure 1 of the instant case shows that an elongate flexible member may be stored in a reel.

To provide a reel for the elongate flexible member of Mikon would have been obvious for one skilled in the art at the time the invention was made in view of the disclosure of Prior Art Figure 1 of the instant case. One of ordinary skill in the art would have been motivated to do this in order to provide a convenient means of storing and dispensing the Mikon flexible elongate member.

Claims 4-10 and 14-18 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 11/21/05.


Art Unit: 3723

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert C. Watson whose telephone number is 571 272-4498. The examiner can normally be reached on Mon. - Thurs. , 5:30am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail III can be reached on 571 272-4485. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

rcw



**ROBERT C. WATSON**  
**PRIMARY EXAMINER**